

SYSTEM AND METHOD FOR PROGRAMMABLE SPECTRUM MANAGEMENT

ABSTRACT OF THE DISCLOSURE

Line interface for coupling a twisted pair telephone line with a
5 communications network. The line interface includes a broadband analog front end for
coupling the twisted pair telephone line with the line interface, and a programmable filter for
filtering frequency bands to separate transmission channels, the transmission channels located
in the communications network, wherein the frequency bands are determined by the
programmable filter. In this manner, various services can be provided over the twisted pair
10 telephone line.

15
PA 3132560 v1